

Lodi Citizen's Monitoring - Lodi, California
DECEMBER 2002

Weather: "Stormy", raining, some wind, temperature: 11C (52 F)

Water was generally turbid with litter/leaves.

Second major storm event of season, rainfall: approximately 0.7" in previous 24

Test Site	Date	Time	pH	Water Temperature		Dissolved Oxygen mg/L	Turbidity NTU	(TDS) Conduct. uS	Nitrate, as mg/L Nitrogen
Site #1 River before City Storm System inlets	13-Dec-02	15:30	7.4 A	11.9 C A	53.4 F	9.3 A	5.4 ntu B	50 A	0 A
Site # 2 River near Casa de Lodi	NA								
Site # 3 River at Mokelumne River Dr.	13-Dec-02	14:30	7.8 A	12.0 C A	53.6 F	9.9 A	NA	50 A	0 A
Site # 4 River at "Scenic Overlook" Awani Dr.	13-Dec-02	14:45	7.7 A	12.1 C A	53.8 F	10.9 A	NA	40 A	0 A
Site # 5 River, Glen Beach Edgewood Dr.	13-Dec-02	16:05	7.7 A	12.4 C A	54.3 F	8.9 B	19.4 ntu B	50 A	0 A
Site # 6 River, N/O Pigs Lake	13-Dec-02	15:40	8.2 B	11.5 C A	52.7 F	8.9 B	12 ntu B	50 A	0 A
Site # 7 River, near Gazebo N/O Lodi Lake	13-Dec-02	15:27	8.4 B	12.5 C A	54.5 F	10.3 A	7.1 ntu B	50 A	0 A
Site # 7A East end (S/o SD) Lodi Lake	NA								
Site # 8 Lodi Lake above last Storm Drain	13-Dec-02	13:20	7.8 A	12.3 C A	54.1 F	9.2 A	57.3 ntu D	80 A	0 A
Site # 9 River at WID Dam	13-Dec-02	13:45	7.0 A	11.5 C A	52.7 F	8.6 B	11.9 ntu B	50 A	0 A

NA = Not Analyzed (equipment problems)

GRADE: pH	Temp	D.O.	Turbidity	TDS
A 7.0 - 8.0	Weather	> 85% Saturation	< 5	< 150
B 6.5-6.9, 8.1-8.5	and	75-84% Sat.	5 - 20	151 - 300
C 6.0-6.4, 8.6-9.0	condition	65-74% Sat.	21 - 50	301 - 500
D 5.5-5.9, 9.1-9.5	dependent	55-64% Sat.	50 - 150	501 -1000
F <5.5, >9.5		< 55%Sat., <5.0mg/L	> 150	> 1000

Rainfall in inches for Lodi at Fire Station #3, 2141 S. Ham Lane

Fire Station 3		
9-Dec-02	0.05	
10-Dec-02	0.12	
11-Dec-02	0.001	
12-Dec-02		
13-Dec-02	0.80	
14-Dec-02	1.05	
15-Dec-02	0.08	
16-Dec-02	1.72	
17-Dec-02	0.08	
18-Dec-02	0.001	
19-Dec-02	0.60	
20-Dec-02	0.56	
21-Dec-02	0.16	
22-Dec-02		
23-Dec-02	0.03	
24-Dec-02		
25-Dec-02		
26-Dec-02	tr	
27-Dec-02	0.04	
28-Dec-02	0.40	
29-Dec-02	0.15	
30-Dec-02	0.09	
31-Dec-02	<u>0.45</u>	
Month Total	6.38	

1 hours.

Remarks
Leaves on bank and water surface.
Not sampled, unsafe conditions.
Turbidity meter not working.
Turbidity meter not working.
Not Sampled
No lake, ponding from storm drain water only

<u>Nitrates</u>
< 1
2 - 3
4 - 5
6 - 10
> 10